APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Interaction of the Boundary Layer With
An External Flow Caused by Radiative
Heat Transfer, by V. V. Lunev, A. N. Ramynskiy,
20 pp.
RUSSIAN, per. Zhur Prik Mekh i Tekh Fiz,
Vol VII, No 6, 1961, pp 44-53. 9698231
FTD-TT-65-958

Sci - Engr
Nov 65

291,894

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Destruction of the Leading Edge of a Delta Wing in a Hypersonic Flow, by G. A. Tirskiy, 20 pp.

RUSSIAN, per, Zhur Prik Mekh i Tekh Fiz, No 6, 1961, pp 54-68. 9676722

FTD-TT-62-338

Sci - Aero, Phys

196,425

25 May 62

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Acoustic Conductivity of a Rigid Burning Surface, by S. S. Novikov, Yu. S. Ryazantsev, 10 pp.

RUSSIAN, per, Zhur Prik Mekh i Tekh Fiz, No 6, 1961, pp 75-77. 9668568

FTD-TT-62-1690
OTS 63-20007
*NAVY/APL 5504
230, P14

Sci-Phys
May 63

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Shock Load Wave in an Underground Explosion in Rocks, by N. S. Medvedeva, E. I. Shemyakin, 19 pp.

RUSSIAN, per. Zhur Prik Mekh i Tekh Fiz, No 6, 1961., pp 78-87, 9207698.

AEC-UCRL-Tr-934(L)

8ol - Figs

Jun 63

231,920

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Reflection of Spherical Elastic Wave From the Boundary of Semispace, by Kh. I. Aliyev, 9 pp. RUSSIAN, per. Zhur Prik Mekh i Tekh Fiz, No 6, 1961, pp 88-92. 9698938 FTD-TT-65-994

Sci - Nucl Sci & Tech Feb 66

294,750

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

On Transient Creep, by V. D. Klyushnikov.

RUSSIAN, per, Zhur Prik Tekh Tekh Fiz, No 6, 1961, pp 118-122.

NLL RTS 2464 (loan)

Sep 64

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Stability of Rods in the State of Creep, by
V. F. Vorobyev, 17 pp.
RUSSIAN, per, Zhur Prik Mekh i Tekh Fiz,
No 6, 1961, pp 135-144. 9692347
DDC RSIC-145

Sci - Phy
May 64

256,981

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

The Stability of Vibrations of a Clamped Heated Plate Taking Excess Aerodynamic Pressure Into Account by a Linearized Theory, by T. Ya. Gert, 4 pp.

RUSSIAN, per, Zhur Prik Mekh i Tekh Fiz, No 6, 1961, pp 163-164. 9667818

FTD-TT-62-1483

Sci
Mar 63

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Isothermal Accoleration of a One-Dimensional Plasma Flow in External Transverse Homogeneous Magnetic and Electrical Fields, by V. N. Sarychev, 6 pp.

RUSSIAN, per, Zhur Prik Mekh i Tekh Fiz, No 1, 1962, pp 12-14. 9678795

FTD-TT-62-1186

Sci-Phys
Dec 62

217,594

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Magnetohydrodynamic Problems Concerning Settled Convection in Vertical Channels, by S. A. Regirer, 7 pp

RUSSIAN, per, Zhur Prik Mek i Tekh Fiz, No 1, 1962, pp 15-19. 9668354

FTD-TT-62-1695
AEC-Tr-5982
(9216048)

Sci-Phys
Apr 63

229,453

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

About States With Anisotropic Distribution Function in Rarefied Relativistic Gas, by G. M. Zaslavskiy, S. S. Moiseyev, 7 pp. (RUSSIAN, per, Zhurnal Prikladnoy Mekhaniki i Tekhnicheskiy Fiziki, No 1, 1962, pp 20-24. 9698220
FTD-TT-65-100

Fuels & Prop
Nov 65 291,2456

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

On the Influence of Prandtl Number Variability on the Flow in the Vicinity of Critical Point of an Obtuse Body at Small Reynolds Numbers, by I. N. Murzinov, 8 pp.

RUSSIAN, per, Zhur Prik Mek i Tekh Fiz, No 1, 1962, pp 39-43. 9668354

FTD-TT-62-1695

229,454

Sci-Phys
Apr 63

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

The Turbulent Boundary Layer of a Gas on a Permeable Wall, by S. S. Kutateladze, A. I. Leontev, 18 pp.

RUSSIAN, per, Zhur Prikladnoy Mekhaniki i Tekh Fiz, No 1, 1962, pp 51 -60. 9667382

FTD-TT-62-1315

Sci - Phys
Jan 63

219,944

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Istratov, A. G. and Librovich, V. B.
THE THEORY OF FLAME VELOCITY IN SYSTEMS INVOLVING CHAIN REACTIONS. Jan 63 [6]p. 12 refs. Order from ICE in v. 3, no. 1, $15.00/year

Trans. of Zhurn[al] Priklad[not] Mekh[aniki] i Tekh-[nicheskoi] Fiz[iki] (USSR) 1962, no. 1, p. 68ff.

DESCRIPTORS: *Flame propagation, Velocity, Theory, Chain reactions, Hydrogen compounds, Chlorides, Chemical engineering.

(Chemistry--Physical, TT, v. 9, no. 6)

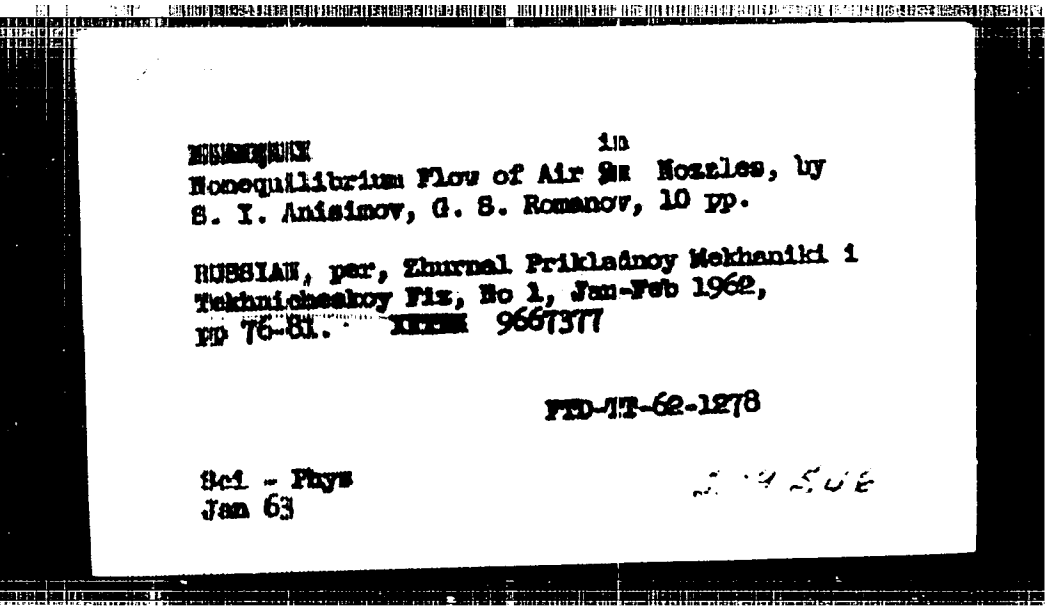
63-12688

I. Istratov, A. G.
II. Librovich, V. B.
III. International Chemical Engineering, New York

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2



in
Nonequilibrium Flow of Air [illegible] Nozzles, by
S. I. Anisimov, G. S. Romanov, 10 pp.

RUSSIAN, per, Zhurnal Prikladnoy Mekhaniki i
Tekhnicheskoy Fiz, No 1, Jan-Feb 1962,
pp 76-81. 9667377

FTD-TT-62-1278

Sci - Phys
Jan 63

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Particular Solutions of the Hydrodynamic Equations of a Diluted Plasma in Axisymmetric Motion, by V. P. Korobeynikov.

RUSSIAN, per, Zhur M Prik Mekh i Tekh Fiz, No 1, 1962.

*FTD-TT-62-1695

Sci - Phys
31 Jan 63

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Conversion of Kinetic Energy of a Stationary Plasma Stream Into Electricity With Isothermal Retardation of the Stream in a Transverse Magnetic Field, by V. M. Samychev, 7 pp.

RUSSIAN, per, Zhur Prik Mekh i Tekh Fiz, No 2, 1962, pp ~~XXX~~ 3-6. 96013277

FTD-TT-62-1778

Sci-Phys
Jun 63

234,544

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Generation of Electric Current by a Plasma Flowing in a Tube, by E. I. Andriankin, 11 pp.

RUSSIAN, per, Zhur Prik Mekh i Tekh Fiz, No 2, 1962, [illegible]. 9685277
pp 7-13.

FTD-TT-62-1778

(AEAN) NLL Acc 9622.03 1962 (2,3,4)

Sci-Phys
Jun 65

234,545

TT [illegible]

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Thermal Ionization and Electric Conductivity of Some Combustion Mixtures and Products, by G. S. Aravin, V. P. [redacted]Shevolev, 20 pp.

RUSSIAN, per, Zhur Prik Mekh i Tekh Fiz, No 2, 1962, pp 20-31. 9683277

PTD-TT-62-1778

Sci-Phys
Jun 63

234,546

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

RESULTS OF AN INVESTIGATION OF THE PROPERTIES OF A WATER-STABILIZED ARC, BY G. YU. DAUTOV, M. F. ZHUKOV, 9 PP.

RUSSIAN, PER, ZHUR PRIKLADNOY MEKHAN I TEKHNICHESKOY FISIKI, NO 2, 1962, PP 32-36.

JPRS [illegible]3

SCI - ENGR

NOV 62

216,262

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Spectroscopic Investigation of the State of Gas Behind a Detonation Front, by B. I. Seloukhin, T. A. Sharapova, 8 pp. RUSSIAN, per, Zhur Prikl Mekh i Tekh Fiz, No 2, 1962, pp 37-41. 3697334 FTD-TT-65-33

Sci-Phys
Jul 65

282,718

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Kokorev, L. S. and Ryaposov, V. N.
TURBULENT HEAT TRANSFER DURING THE FLOW OF A HEATING MEDIUM OF SMALL PRANDTL NUMBER ALONG A TUBE. Oct 62 [6]p. 22 refs. Order from ICE in v. 2, no. 4, $15.00/year

Trans. of Zhurn[al] Prikład[noi] Mekh[aniki] i Tekh[nicheskoi] Fiz[iki] (USSR) 1962, no. 2, p. 42ff.

DESCRIPTORS: *Heat transfer, *Heat exchangers, Liquid metals, *Mercury, Turbulent flow, Thermal conductivity, Pipes, *Chemical engineering.

(Mechanics, TT, v. 9, no. 6)

63-12329

I. Kokorev, L. S.
II. Ryaposov, V. N.
III. International Chemical Engineering, New York

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Rumynskii, A. N.
THE EFFECT OF DIFFUSION OF A RADIATING ADDITIVE ON CONVECTIVE HEAT TRANSFER.
Oct 62 [6]p. 18 refs.
Order from ICH in v. 2, no. 4, $15.00/year

Trans. of Zhurn[al] Prikład[noi] Mekh[aniki] i Tekh[nicheskoi] Fiz[iki] (USSR) 1962, no. 2, p. 50-58.

DESCRIPTORS: *Gas flow, Blunt bodies, *Heat transfer, Additives, Gases, Diffusion, Thermal conductivity, *Chemical engineering.

(Mechanics--Aerodynamics, TT, v. 9, no. 6)

63-12340

I. Rumynskii, A. N.
II. International Chemical Engineering, New York

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Bushing Cavitation and Pressure Pulsation in the Draft Tube of a Turbine, by I. V. Kotenev, K. K. Shal'nev. 27 pp.
RUSSIAN, per. Zhurnal Prikladnoy Mekhaniki i Tekhnicheskoy Fiziki. No 2, 1962, pp 59-71.
P100030568
FTD-MT-65-500

Mech, Indust, Civil
& Marine Engineering
Oct 66

309,487

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Effect of Rate of Heat Release in Electric Explosions in Water on the Distribution of the Explosion Energy, by M. I. Vorotnikova, 6 pp.

RUSSIAN, per, Zhur Prik Mekh i Tekh Fiz, No 2, 1962, pp 110-112. 9683277

FTD-TT-62-1778

234,539

Sci-Phys
Jun 63

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

THEORY OF THE INITIATION OF CRACKS FORMED IN THE BRITTLE FRACTURE OF A CRYSTAL, BY YU. M. PLISHKIN, 16 PP.

RUSSIAN, PER, ZHURNAL PRIKLADNOY MEKHANIKI I TEKHNICHESKOY FIZIKI, NO 2, MAR-APR 1962, PP 95-103.

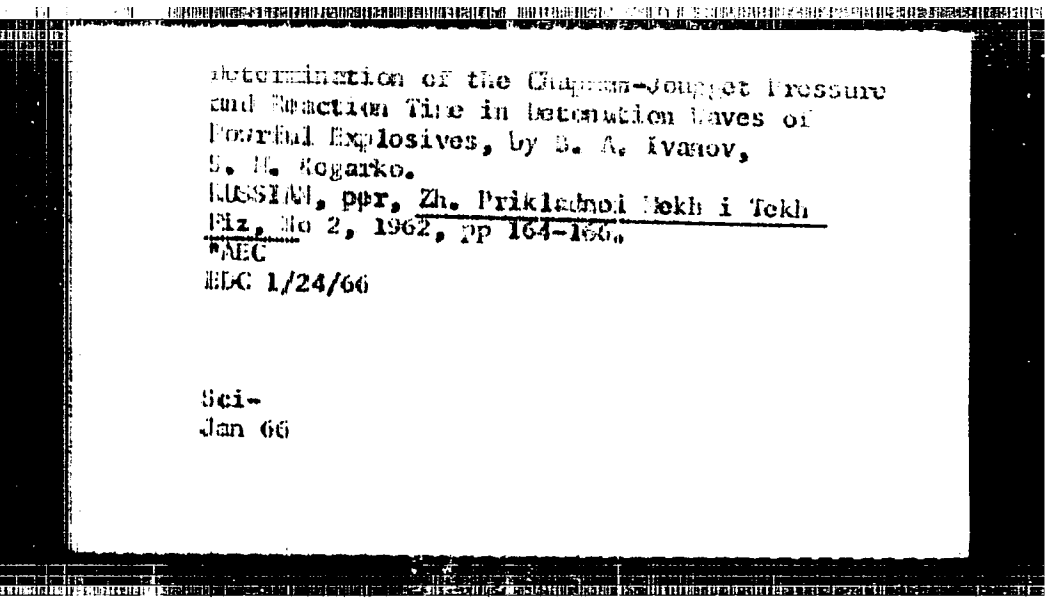
JPRS 17578

SCI - PHYS

FEB 63 222,257

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2



Determination of the Chapman-Jouguet Pressure and Reaction Time in Detonation Waves of Powerful Explosives, by B. A. Ivanov, S. M. Kogarko.
RUSSIAN, ppr, Zh. Prikladnoi Mekh i Tekh Fiz, No 2, 1962, pp 164-166.
*AEC
EDC 1/24/66

Sci-
Jan 66

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Effective Throwing of Bodies by Explosion Products, by G. M. Lyakhov, 15 pp.
RUSSIAN, per, Zhur Prik Mekh i Tekh Fiz, No 3, 1962, pp 44-52. 9096515
FTD-MT-65-156

Sci - Biol & Med Sci
Nov 65

291,876

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Diffusive-Thermal Stability of Laminar Flame by G. I. Barenblatt, and Ya. B. Zel'dovich, 17 pp.

RUSSIAN, per, Zhur Prik Mekh I Tekh, No 4, July-August 1962, pp 21-26. 9688775

FTD-TT-63-87

Sci-Phys
Nov 63

242,286

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Percussive (Shock) Compression of Quartz, by G. A. Adadurov, A. N. Dremin, 18 pp. RUSSIAN, per. Zhur Prik Mekh i Tekh Fiz, No 4, 1962, pp 81-89. P100125766 FTD-HT-66-211

Sci - Phys
Feb 67

318,791

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Experimental Investigation of Spinning Detonation by Means of Piezoelectric Gauges, by M. Ye. Topchiyan 15 pp.

RUSSIAN, par, Zhur Prik Mekh I Tekh, No 4, July-Aug 1962, pp 94-99, 9688775

FTD-TT-63-87

Sci-Phys
Nov 63

242,255

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Turbulent Boundary Layer on a Plane Plate
by G. L. Grodzovskiy, 6 pp.

RUSSIAN, per, Zhur Prik Mekh I Tekh, No 4,
July-August 1962, pp 117-119.

FTD-TT-63-87

Sci-Phys
Nov 63

242,287

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Scale Effect of Cavitation Erosion, by
K. K. Shal'nov. 21 pp.
RUSSIAN, per, Zhurnal Prikladnoy Mekhaniki
i Tekhnicheskoy Fiziki, No 4, 1962,
pp 121-128. 9700183
FTD-TT-65-1577

Sci/Earth Sci
May 66

299,489

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Concerning Stability of Ionic Longitudinal Oscillations of Plasma in Magnetic Field, by V. N. Oraevskiy, 7 pp.

RUSSIAN, per, Zhur Prik Mekh i Tekh Fiz, Vol V, 1962, pp 39-41, 9669356

FTD-MT-63-11

Sci-Phys
July 65

235,778

CIA-Internal use only

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

An Approximate Treatment of the Problem of a Plate of Finite Length in the Stream of Radiating Gas, by A. T. Onufriev, 15 pp.
RUSSIAN, per, Zhurn Prik Mekh i Tekh Fiziki, No 5, 1962, pp 70-74. 9225719
Purdue Univ
A & ES TT-6

Sci - Phys
Nov 64

269,106

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

On the Possibilities of Stable Combustion, by R. M. Zaidel', 4 pp.

RUSSIAN, per, Zhur Prik Mekh i Tekh Fiz, Vol II, No 5, 1962, pp 80-82.

CIA FDD XX-1341
NO FOREIGN DISSEM

Sci - Chem
12 Mar 63
USIB INTERNAL USE ONLY

224,54/1

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Transients in the Burning of Powders, by
B. V. Novozhilov, 12 pp.

RUSSIAN, per, Zhur Prik Mekh i Tekh Fiz,
No 5, 1962, pp 83-88. 9668496

FTD-TT-63-112

Sci-Phys
May 63

AF 4 F00 XX-1339
NSIB use only 230,876

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Interaction Between a Shock Wave in a Elasto-Plastic Medium and a Nonrigid Wall, by G. M. Lyakhov, N. I. Polyakova, 14 pp.

RUSSIAN, per, Zhur Prik Mekh i Tekh Fiz, No 5, Sep-Oct 1962, pp 89-95. 9683282

FTD-TT-63-1X360

Sci-Engr
Jun 63

434,547

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Total Utilization of Explosion Energy, by A. Ya. Apin, N. F. Velliba, et al, 22 pp.

RUSSIAN, per, Zhur Prik Mekh i Tekh Fiz, No 5, 1962, pp 96-106. 9208777

AEC-Tr-5762

Sci - Nucl Sci

Jul 63

235,680

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

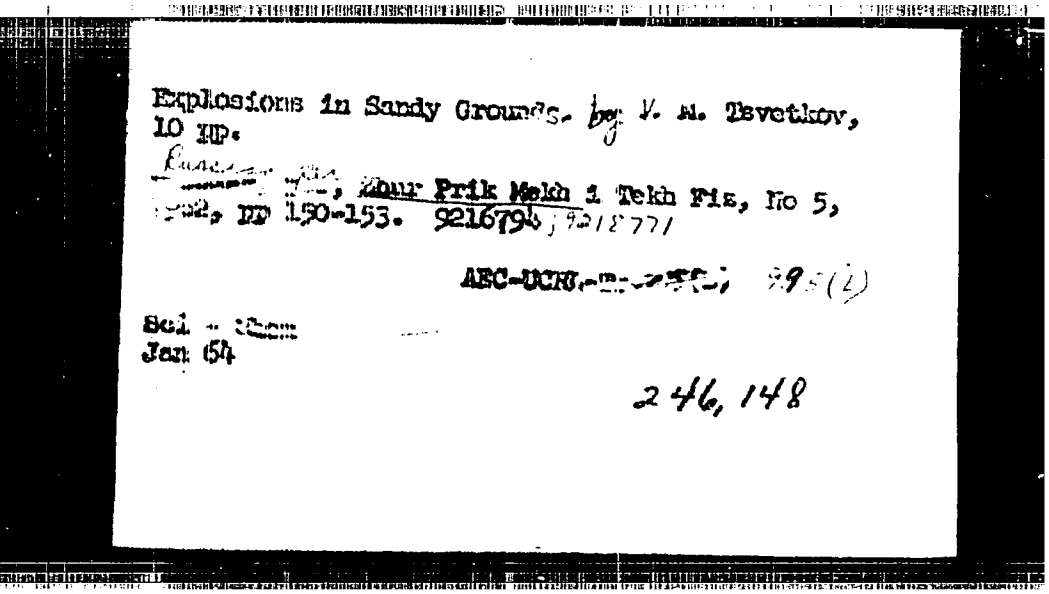
Determination of Parameters of State of Solid Bodies at High Pressures by the Method of Piston Displacement, by Yu. S. Genshaft, L. D. Livshits, et al, 25 pp. RUSSIAN, per, Zhur Prik Mekkh i Tekh Fiz, No 5, 1962, pp 107-116. 9226291
AEC-UCRL-Tr-1087 (L)

Sci-Phys
Jan 65

271,823

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2



Explosions in Sandy Grounds. by V. M. Tsvetkov, 10 pp.

[illegible], Zhur Prik Mekh i Tekh Fiz, No 5, [illegible], pp 150-153. 9216794, 9218771

AEC-UCRL-[illegible], 95(2)

Sci - [illegible]
Jan 54

246, 148

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Explosions in Sandy Grounds, by V. M. Tsvetkov, 11 pp. RUSSIAN, per, Zh. Prikl. Mekhan. i Tekhn. Fiz., No 5, 1962, pp 150-153.

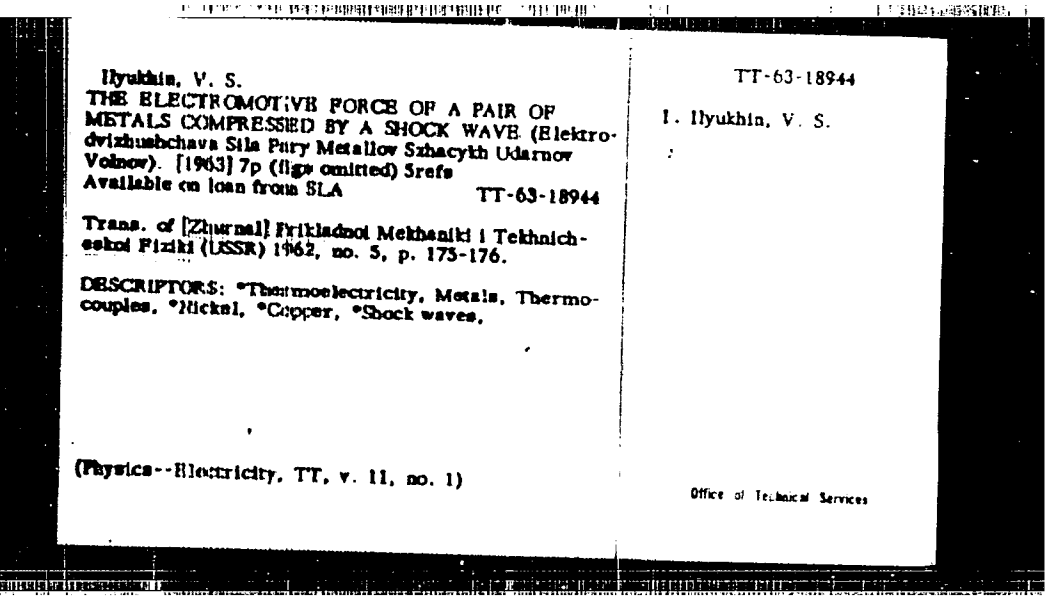
AEC-UCRL-Tr-996(L)

Scl - NS
Feb 64

250, 574

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2



Ilyukhin, V. S.
THE ELECTROMOTIVE FORCE OF A PAIR OF METALS COMPRESSED BY A SHOCK WAVE. (Elektrodvizhushchaya Sila Pary Metallov Szhatcykh Udarnov Volnow). [1963] 7p (figs omitted) 5refs
Available on loan from SLA TT-63-18944

Trans. of [Zhurnal] Prikladnoi Mekhaniki i Tekhnicheskoi Fiziki (USSR) 1962, no. 5, p. 175-176.

DESCRIPTORS: *Thermoelectricity, Metals, Thermocouples, *Nickel, *Copper, *Shock waves.

(Physics--Electricity, TT, v. 11, no. 1)

TT-63-18944

I. Ilyukhin, V. S.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

High-Velocity Cumulative Jets by M. P. Novikov, 16 pp.

RUSSIAN, per, Zhur Prik Mekh i Tekh, No 6, 1962, pp 22-28. 9687050

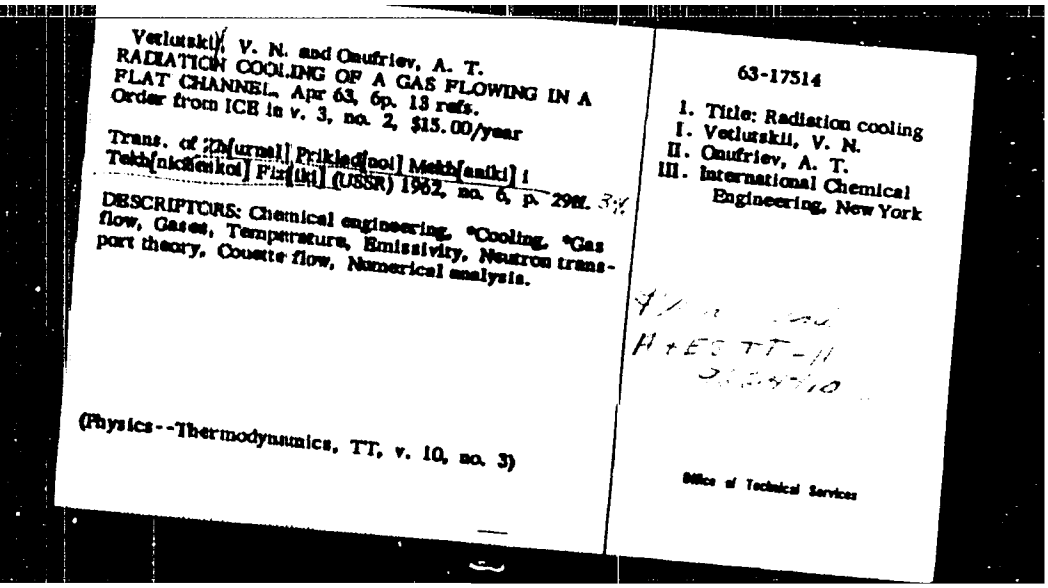
FTD-TT-63-566

345, 440

Sci - Phys
Oct 63

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2



Vetluzkii, V. N. and Onufriev, A. T.
RADIATION COOLING OF A GAS FLOWING IN A FLAT CHANNEL. Apr 63, 6p. 13 refs.
Order from ICE in v. 3, no. 2, $15.00/year

Trans. of: Zh[urnal] Prikl[adnoi] Mekh[aniki] i Tekh[nicheskoi] Fiz[iki] (USSR) 1962, no. 6, p. 29ff.

DESCRIPTORS: Chemical engineering, *Cooling, *Gas flow, Gases, Temperature, Emissivity, Neutron transport theory, Couette flow, Numerical analysis.

(Physics--Thermodynamics, TT, v. 10, no. 3)

63-17514

I. Title: Radiation cooling
I. Vetluzkii, V. N.
II. Onufriev, A. T.
III. International Chemical Engineering, New York

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Analogy between Cylindrical Explosion and Hypersonic Gas Flow Past Bodies, by V. P. Korobeynikob, 10 pp. RUSSIAN, per, Zhur Prikl Mekh i Tekh Fiz, No 6, 1962, pp 45-49. 9697810 FTD-TT-65-981

Sci - Engr
Nov 65

291,890

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

On Method of Small Perturbations in Problems of Flow Around Slender Blunt Bodies by a Hypersonic Flow of Gas, by V. V. Sychev, 19 pp.
POST EDITED

RUSSIAN, Per, Zhur Prikl Mekh i Tekh Fiziki, No 6, 1962, pp 50-59. 9694817

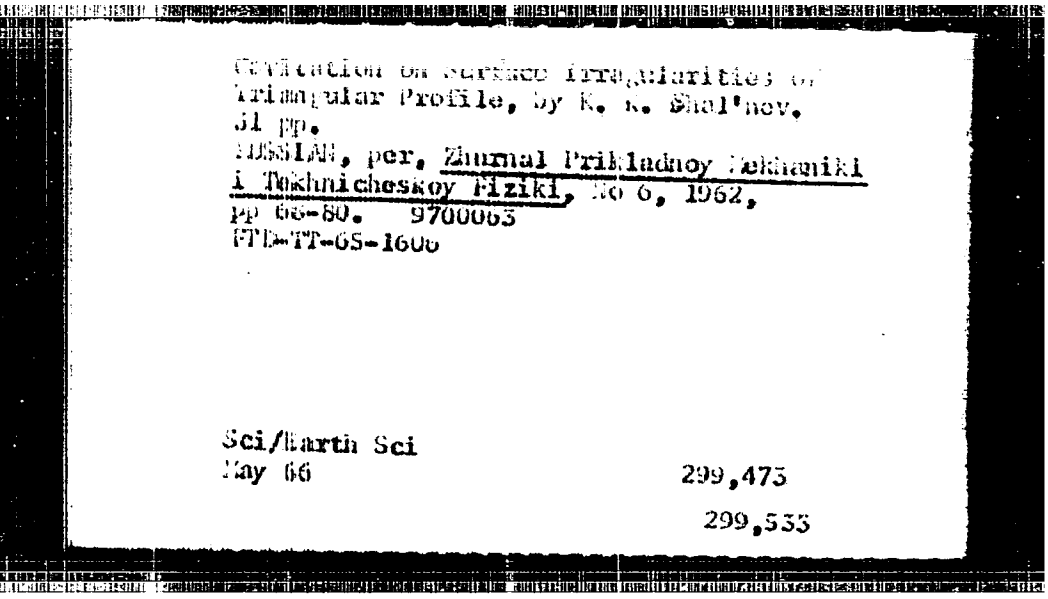
FTD-MT-64-59
GOV'T USE ONLY

Sci ' - Engr
Sept 64

267,233

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2



Cavitation on Surface Irregularities of Triangular Profile, by K. K. Shal'nev, 31 pp.
USSR/AM, per. Zhurnal Prikladnoy Mekhaniki i Tekhnicheskoy Fiziki, No 6, 1962, pp 66-80. 9700063
FTD-TT-65-1600

Sci/Earth Sci
May 66

299,473

299,533

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Method of Considering Relaxation in the Problem of Directing a Flow Around A Cone by V. N. Arkhipov and K. S. Khrushko, 8 pp.

RUSSIAN, per, Zhurnal Prikladnoy Mekhaniki i Tekhnicheskoy Fiziki, No 6, 1962, pp. 121 - 124. 9686825

FTD-TT-63-655

Sci - Auto

344,092

Sept 63

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Zhurnal Prikladnoi Mekhaniki i Tekhnicheskoy Fiziki, No 1, 1963, 160 pp.
FTD-MT-64-84

Aug 67

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

FSTC

R-6000-D
17 Feb 67

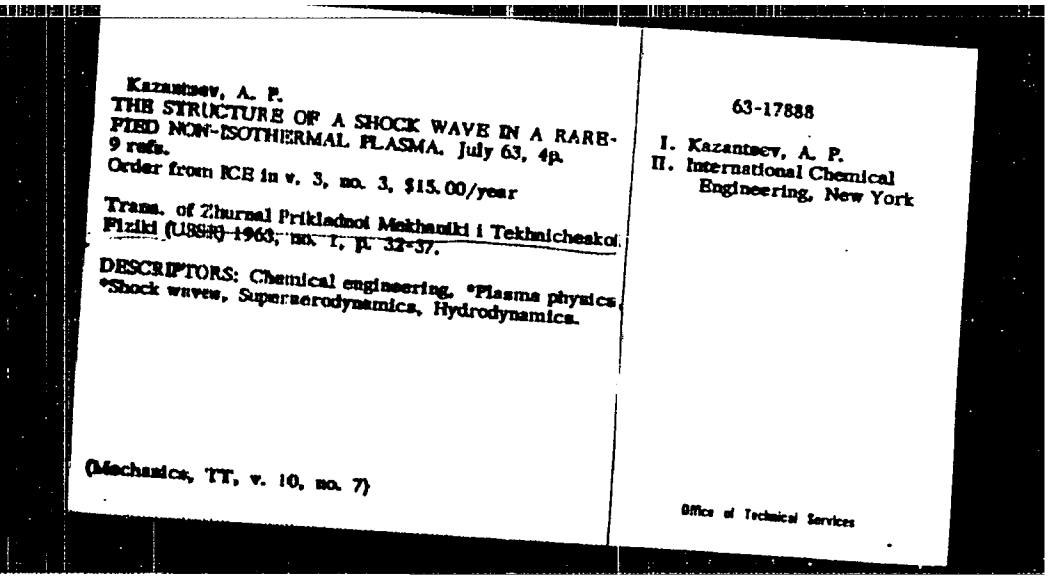
Some properties of High-Velocity Cumulative Jets
By: M. P. Bondikov
From: Zhurnal Prikladnoy Mekhaniki i Tekhnicheskoy Fiziki
No. 1, 1963: 3-13
(11 pp)

Russian - ent for wds:

Please translate and type 1 camera ready copy (DC Office will make 4 xerox copies) Document can be cut. Prepare Data Handling page according to instructions attached. Make covers as samples. FSTC-HT-23-12-67.

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2



Kazantsev, A. P.
THE STRUCTURE OF A SHOCK WAVE IN A RAREFIED NON-ISOTHERMAL PLASMA. July 63, 4p. 9 refs.
Order from ICE in v. 3, no. 3, $15.00/year

Trans. of Zhurnal Prikladnoi Mekhaniki i Tekhnicheskoi Fiziki (USSR) 1963, no. 1, p. 32-37.

DESCRIPTORS: Chemical engineering, *Plasma physics, *Shock waves, Supersonic aerodynamics, Hydrodynamics.

(Mechanics, TT, v. 10, no. 7)

63-17888

I. Kazantsev, A. P.
II. International Chemical Engineering, New York

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Concerning The Stability of the Burnigg Regime of a Powder in a Semiclosed Space by Ya. B. Zel'dovich, 23 pp.

RUSSIAN, per, Zhur Prik Mekhan i Tekhnich Fiz, No 1, 1963, pp 67-76. 9687640

FTD-TT-63-572

Sci-Phys
Nov 63

241,455

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

On the Exact Solutions of Certain Problems of Magneto-Hydrodynamics, by G. I. Nazarov, 13 pp. RUSSIAN, per, PMTF Z. Prikl. Meh. i Tehn. Fiz., 1963, Vol. No. 2, pp 63-72
Amer Math Soc Tr,
Vol 61, Series 2

337,026

Sci - Math
Sep 67

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Journal of Applied Mechanics and Technical Physics (Collection of Articles). 519 pp. RUSSIAN, bk, Zhurnal Prikladnoy Mekhaniki i Tekhnicheskoy Fiziki, No 2, 1965, pp 1-176.
PL00022566-V
FTD-MT-64-87
CFSTI AT-64-19355

Sci/Physics
Sep 66

306,394

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Certain Problems of the Hydrodynamics of Relaxing Media, by I. P. Stakhanov, Ye. V. Stypochenko, 35 pp.
RUSSIAN, per, KZhur Prikl Mekh i Tekh Fiziki, No 2, 1963, pp 3-20. 9692318
FTD-TT-63-839

Sci - Phys
May 64

257,653

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

On the Exact Solutions of Certain Problems of Magneto-Hydrodynamics, by G. I. Nazarov, 15 pp. RUSSIAN, per, PMTF Z. Prikl. Mch. i Tehn. Fiz., 1963, Vol. No. 2, pp 63-72
Amer Math Soc Tr,
Vol 61, Series 2

337,026

Sci - Math
Sep 67

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Excitation of Strong Collisionless Shock Waves in a Plasma, by R.Kh. Kurtmullayev, V.K. Malinovskiy. RUSSIAN, per. Zh. Prikl. Mekh. Tech. Fiz, No 2, 1963, pp 79-83. 9232875
AEC NP-tr-1378

Sci/Physics
Jun 66

302,471

Meteorological Factors

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

On Rupture Following Creep,
by Yu. N. Rabotnov.
RUSSIAN, per. Zhurnal Prikladnoi Mekhaniki
i Tekhnicheskoi Fiziki, No 2, 1963,
PP 113-125.
NLL RTS 2899

NLL Eng. P 22.07

Sci-Engr
June 66

302,269

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Use of the Kerr Effect for Studying a Stressed State of Thin-Walled Structures, by V. M. Nikitin, 9p.
RUSSIAN, per, Zhurnal Prikladnoi Mekhaniki i Tekhnicheskoi Fiziki, No 2, 1963, pp 137-1.
CFSTI AD-630,650

332, 308

Sml
Jul 67

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

The Breakup of Drops and a Fluid Stream by an Air Shock Wave, by A.A. Buzukov, 11 pp. RUSSIAN, per, Zhur Prikl Mekh i Tekh Fiziki, No 2, 1963, pp 154-158. 9692318
FTD-TT-63-839

Sci - Phys
May 64

257,654

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

The Structure of a Flame Front, by A. S. Pleshanov,
8 pp.
RUSSIAN, per, Zhur Prikl Mekh i Tekh Fiziki, No 2,
1963, pp 169-172. 9692318
FTD-TT-63-839

Sci - Phys
May 64

257,655

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Behindlas Shock-Wave Front According to the Law of Shock Propagation, by V. V. Adushkin, I. V. Namchinov.
RUSSIAN, per, Zhur Prik Mekh i Tekh Fiz, No 4, 1961, pp 58-67.
*Navy/APL J374

Sci - Phys
Jun 64

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

The Collision of Two Plates With Great Speeexd,
by E. I. Andriankin, 10 pp. POST EDITED

RUSSIAN, per, Zhur Prik Mekh i Tekh Fiziki,
No 4, 1963, pp 68-73. 9693195

FTD-MT-63-262
GOV'T USE ONLY

Sci - Phys
Jul 64

263,70k2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Boundary Conditions on Ionized Gas-Solid Contact Surface, by G. A. Lyubimov, 13 pp.
RUSSIAN, per, Prik Mekh i Telh Fiziki, No 4, 1963, pp 78-82. 9692320
FTD-TT-64-128

Sci - Phys
May 64

257,433

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Boundary Conditions at the Surface of Contact Between an Ionized Gas and a Solid, by G. A. Lyubimov, 8 pp. RUSSIAN, per, Zhur Prik Mekh i RTekh Fiz, No 4, 1963, pp 78-82. 9226485
NASA TT F-296

Sci-Phys
Feb 65

274,936

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

An Appraisal of the Role of Radiation When Calculating Heat Exchange in a Turbulent Boundary Layer, by S. S. Kutateladze, A. I. Leont'yev, 8 pp. POST EDITED

RUSSIAN, per, Zhur Prik Mekh i Tekh Fiziki, No 4, 1963, pp 88-93. 9693195

Purdue U
A-ESTT-13
922411

FTD-MT-63-262
GOV'T USE ONLY

Sci - Phys
Jul 64

263,703

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Transition of Normal Burning of Porous Explosives to Detonation Under Conditions of Slowly Increasing Pressure, by V. K. Bobolev, L. F. Chekirda, et al, 7 pp.
RUSSIAN, per, Zhur Prik Mekh i Tekh Fiz, No 4, 1963, pp 99-101. 9224345
AEC-LA-Tr-64-3

Sci-Phys
Aug 64

265,630

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

On the Displacement of Chemical Equilibrium With the Violation of the Maxwell Distribution, by
E. V. Stupochenko, 5 pp.

[redacted]

RUSSIAN, per, Prikl Mekh i Tekh [illegible], No 4, 1963, pp 103-105.

CIA/FDD X-5865
FOR OFFICIAL USE ONLY

240,810

Sci - Chem Nov 63

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Stupochenko, E. V.
ON THE DISPLACEMENT OF CHEMICAL EQUILIBRIUM WITH THE VIOLATION OF THE MAXWELL DISTRIBUTION. [1963] 5p
Order from OTS, SLA, or ETC $1.10 TT-63-20677

Trans. of [Zhurnal] Prikl[adnoi] Mekh[aniki] i Tekh[nicheskoi] Fiz[iki] (USSR) 1963, no. 4, p. 103-105.

DESCRIPTORS: *Thermochemistry, Gases, Dissociation, *Chemical equilibrium, Theory, Quantum statistics, *Partial differential equations, Atomic orbitals.

(Physics--Molecular, TT, v. 11, no. 8)

TT-63-20677

I. Stupochenko, E. V.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Effect of Coulomb Interaction of Electrons With Ions on the Optimum Composition of a Gaseous Mixture, by E. P. Zimin, V. A. Popov, 7 pp. RUSSIAN, per, Zhur Prik Mekh i Tekh Fiz, No 4, 1963, pp 112-114. 9692704
FTD-TT-64-441

Sci-Phys
June 64

260,691

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Collection of Articles. 209 pp.
RUSSIAN, per, Zhurnal Prikladnoy Mekhaniki i Tekhnicheskoy Fiziki, No 4, pp 3-136. 1963
P100313267-V
FTD-MT-64-88

Sci/Physics
Nov 67

332,158

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

The Conditions of Stability of Certain Kinds of Flow of Gas-Liquid Mixtures in Vertical Pipes, by Yu. L. Sorokin.
RUSSIAN, per. Zhurnal Prikladnoi Mekhaniki i Tekhnicheskoi Fiziki, No 6, 1965, pp 160-165.
NLL RTS 3184

Sci - Mech
Sept. 67 340,384

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Creep of an Aluminium Alloy Under Variable Loads,
by V. S. Namestnkov, 13 p.
RUSSIAN, per, Zhurnal Prikladmoi Mekhaniki i Tekhnicheskoi Fiziki, No 2, 1964, pp 99-105.
NLL RTS-2972

Sci-Phys
Jul 66

304,494

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

The Influence of Finite Conductivity on Obtaining Powerful Magnetic Fields by Means of Fast Breaking Down of the Conducting Envelopes.
RUSSIAN, per, Prikladnoy Mekhaniki i Tekhnicheski,
No 6, 1964, pp 3-5.
DIA LN 1025-70

May 71

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Kinetic Description of a Rarefied Fully Ionized Plasma, by A. M. Dyukalov, RUSSIAN, per, Zhurnal Prikladnoy Mekhaniks i Tekhnicheskoy Fiziki, No 6, 1964, pp 39-49.
P100129866
FTD-HT-66-399

Sci-Phys
Feb 67

318,931

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Thermogeneous Turbulent Boundary Layer of a Gas on a Permeable Plate, by S.S. Kutateladze, A.I. Leont'ev.
DAN SSSR, per, Zh. Prikl. Mekhan. i Tekhn. Fiz. No 6, 1964, pp 57-62.
Dept of Navy Tr 5111
AFL/JIU T-1969

Sci./Physics
Feb 67

318,511

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

On Radiational Cooling of a Gray Ideal Gas Flowing in a Plane Channel, Taking Into Account the Exact and the Approximate Transport Equations, by V. N. Vetlutskiy, 7 pp.
RUSSIAN, per, Prikl Mekh i Tekh Fiz, No 6, 1964, pp 63-68.
CIA/FDD X-5620

Sci - Phys
May 65
FOR OFFICIAL USE ONLY

280,468

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Unsteady State Destruction of Glass-Like Materials in a Supersonic Gas, by B. I. Reznikov. 16 p.
RUSSIAN, per, Zhurnal Prikladnoy Mekhaniki i Tekhnicheskoy Fiziki, No 6, 1964, pp 69-76. 9699954
FTD-TT-65-1608

Sci/M&M
Apr 66

298 006

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

On the Motion of Charged Particles in a Plasma in the Presence of a Magnetohydrodynamic Shock Wave, by V. P. Korobeynikov, S. P. Lomnev.
RUSSIAN, per, Zhurnal Prikladnoy Mekhaniki i Tekhnicheskoy Fiziki, No 6, 1964, pp 89-92.
NASA TT F 13,816
NTC. 72-10477-251

aug 71

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Experimental Determination of the Density Distribution in Front of Blunt Bodies Around Which a Rarefied Supersonic Gas Flows, by A. V. Ivanov, 9 pp.
RUSSIAN, per, Prikl Mekh i Tekh Fiz,
No 6, 1964, pp 99-104.
CIA/FDD X-5621
- Dept Navy /JHU/APL J634 unclas

Sci - Engr
May 65
FOR OFFICIAL USE ONLY

280,467

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Gas Temperature behind Reflected Shockwaves,
by A. A. Borisov, I. S. Zasloiko, 10 pp.
RUSSIAN, per, Prikl Mekh i Tekh Fiz,
No 6, 1964, pp 104-109.
CIA/FDD X-5616
*Dept Navy JHU/APL No 5-734 unclas

Sci - Phys
May 65
FOR OFFICIAL USE ONLY

280,470

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Investigation of Sheet Charge Detonations of Explosives, by L. V. Dubnov, V. A. Pukov.
RUSSIAN, per. Zh. Prikl Mekh i Tekh Fiz, No 6, 1964, pp 110-111. 9232726
UCRL - h-19021
EDC April 30, 1966

Sci-
Feb 66

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Optical Properties of Nitromethane Compressed in a Shock Wave, by S. N. Buravova, A. N. Dremin, 4 pp.
RUSSIAN, pub, Zhur Prikl Mekh Tekh Fiz, No 6, 1964, pp 112-114.
AEC IA Tr-65-28

327,933

Sci - Physics
Jul 67

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

On the Behavior of Certain Materials Under Shock Compression, by G. A. Adadurov, A. N. Dremin, 7 pp.
RUSSIAN, per. Prikl Mekh i Tekh Fiz, No 6, 1964, pp 115-119.
CIA/FDD X-5587

Sci - M/M
May 65
FOR OFFICIAL USE ONLY

280,406

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Kinetics of the Reaction of Urano-Uranic Oxide With Carbon Monoxide, by V.G. Vlasov. V.N. Shalaginov. RUSSIAN, per Zh. Prikl. Khim. Vol. 37 =, No. 9, 1964 pp 1867-1871
NLL/9091.9 1965 (Dounreary Trans. 184

Sci -
Aug 67

339-515

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Neodymium-Glass Laser With a Variable Length of the Optical Path in the Active Material, by A. M. Bruevich-Bonch.
RUSSIAN, per, Zhurnal Prikladnoi Spektroskopii, Vol 1, No 1, 1964, pp 45-50.
NTC-71-15033-20E

Feb 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Possibility of Obtaining a Negative Absorption Coefficient in Chelate Compounds of Rare-Earth Elements, by D. P. Gribkovskiy, V. V. Kuznetsova, 16 pp.
RUSSIAN, per, Zh Prikladnoy Spektroskopiy, Vol 1, No 4, 1964, pp 340-347.
AEC/UCRL-Tr-10383-69

Sci/Phy
Jan 70

398,135

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Some Problems in the Electron Theory of Crystals, by A. I. Anselm, 20 pp. UNCLASSIFIED

Full translation.

RUSSIAN, per, Zhur Prom Fiz, Vol XXI, Issue 4, publ by Physics and Eng Institute, Acad of Sciences, Leningrad, Jan 1950.

SCIA S-147-53

USSR

Scientific - Electronics, crystals

Mar 53 CTS

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Skin Test with Streptokinase for Children Suffering from Rheumatism,
RUSSIAN, par, Zh Rapoport Pediatriya, No 4, 1959, pp 42-45.
ATS RJ-5492

Sci-B&M
June 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2

Organization of Treatment for the Alcoholics,
by G. A. Entin, 10 pp..
RUSSIAN, per, Zh Rass Fed, No 10, 1966, pp 21-24.
NMS/1400

Sci/BGM
Nov 69 395,994

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300920002-2